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UTILITY		Attorney Docket No.		13DV13092	
PATENT APPLICATION	First I	First Inventor or Application Identifier		Sridhar Adibhatla	
TRANSMITTAL	Title	Methods	and Appara	d Apparatus for Model Based	
VOnly for new nonprovisional applications under 37 C.F.R. § 1.53(b)	Expre	ss Mail Label N	ю.	Diagnostics	

	PPLICATION ELEMENTS pter 600 concerning utility patent application contents.	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231		
1. Spe (Sult Spe (pre - Do - Ci - St - Bi - Bi - Do - Ci - Ci - Ci - Ai 3. Dra	per 600 concerning utility patent application contents. Transmittal Form (e.g., PTO/SB/17) point an original and a duplicate for fee processing) perification [Total Pages 12] perification [Total Sheets 12] perification [Total Pages 12] Newly executed (original or copy) Copy from a prior application (37 C.F.R. § 1.63)	5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies ACCOMPANYING APPLICATION PARTS 7. Assignment Papers (cover sheet & document(s)) 8. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) 9. English Translation Document (if applicable) 10. Information Disclosure Statement (IDS)/PTO-1449 11. Preliminary Amendment 12. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
FEES, A SMA	i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b) TEMS 1 & 13: NO ORDER TO BE ENTITLED TO PAY SMALL ENTITY STATEMENT IS REQUIRED BY C.F.R. § 1.27), EXCEPTION A PRIOR APPLICATION IS RELED UPON BY C.F.R. § 1.27).	13. Statement(s) Statement filed in prior application, Status still proper and desired 14. Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. Other: FILED CONCURRENTLY WITH 13DV13046		
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an each or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be reflect upon when a portion has been inadvertently omitted from the submitted application parts.				
Custom	ner Number or Bar Code Label (Insert Customer No. or A	or Correspondence address below		
Name	PATENT TRADEP	NO OFFICE		
Address				
City	State	Zip Code		
Country	Telephone	Fax		
Name (I	Print/Type) GERRY S. GRESSEL/	Registration No. (Attorney/Agent) 34,342		

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FEE TRANSMITTAL		Complete if Known	
		Application Number	
for FY 1999 Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		Filing Date	
		First Named Inventor	SRIDHAR ADIBHATLA
		Examiner Name	
		Group / Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$) 760.00	Attorney Docket No.	13DV13092

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity Small Entity Fee				
Deposit Account 07-0865 Number	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath				
Deposit Account GENERAL ELECTRIC COMPANY	127 50 227 25 Surcharge - late provisional fitting fee or cover sheet.				
Name Charge Any Additional Fee Required	139 130 139 130 Non-English specification				
Under 37 CFR §§ 1.16 and 1.17	147 2,520 147 2,520 For filing a request for reexamination 112 920° 112 920° Requesting publication of SIR prior to				
2. Payment Enclosed: Check Money Other	Examiner action 113 1,840° 113 1,840° Requesting publication of SIR after Examiner action				
FEE CALCULATION	115 110 215 55 Extension for reply within first month				
	116 380 216 190 Extension for reply within second month				
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month				
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month				
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month				
101 760 201 380 Utility filing fee 760	119 300 219 150 Notice of Appeal				
106 310 206 155 Design filing fee	120 300 220 150 Filling a brief in support of an appeal				
107 480 207 240 Plant filling fee 108 760 208 380 Reissue fiting fee	121 260 221 130 Request for oral hearing				
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 760.00	141 1,210 241 605 Petition to revive - unintentional				
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)				
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee				
Total Claims 18 -20** = X =	144 580 244 290 Plant issue fee				
Independent 3 - 3** = X = X	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent =	123 50 123 50 Petitions related to provisional applications				
**or number previously paid, if greater, For Reissues, see below	126 240 126 240 Submission of Information Disclosure Street				
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment per				
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	property (times number of properties) 146 760 246 380 Fitting Space a submission after final rejection				
102 78 202 39 Independent claims in excess of 3	(37 CFR § 1.129(a))				
104 260 204 130 Multiple dependent claim, if not paid	149 760 249 380 For each additional invention to be examined (37 CFR § 1.129(b))				
109 78 209 39 "Reissue independent claims over original patent	Other fee (specify)				
110 18 210 9 "Reissue claims in excess of 20 and over original patent	Other fee (specify)				
SUBTOTAL (2) (\$) O Produced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0					
SUBMITTED BY Complete (if applicable)					
Name (Print/Type) GERRY S. GRESSEL	Registration No. 34,342 Telephone 513-243-3701				
Signature 2	Date 11/24/09				